



THE DATASHEET OF ZTX757



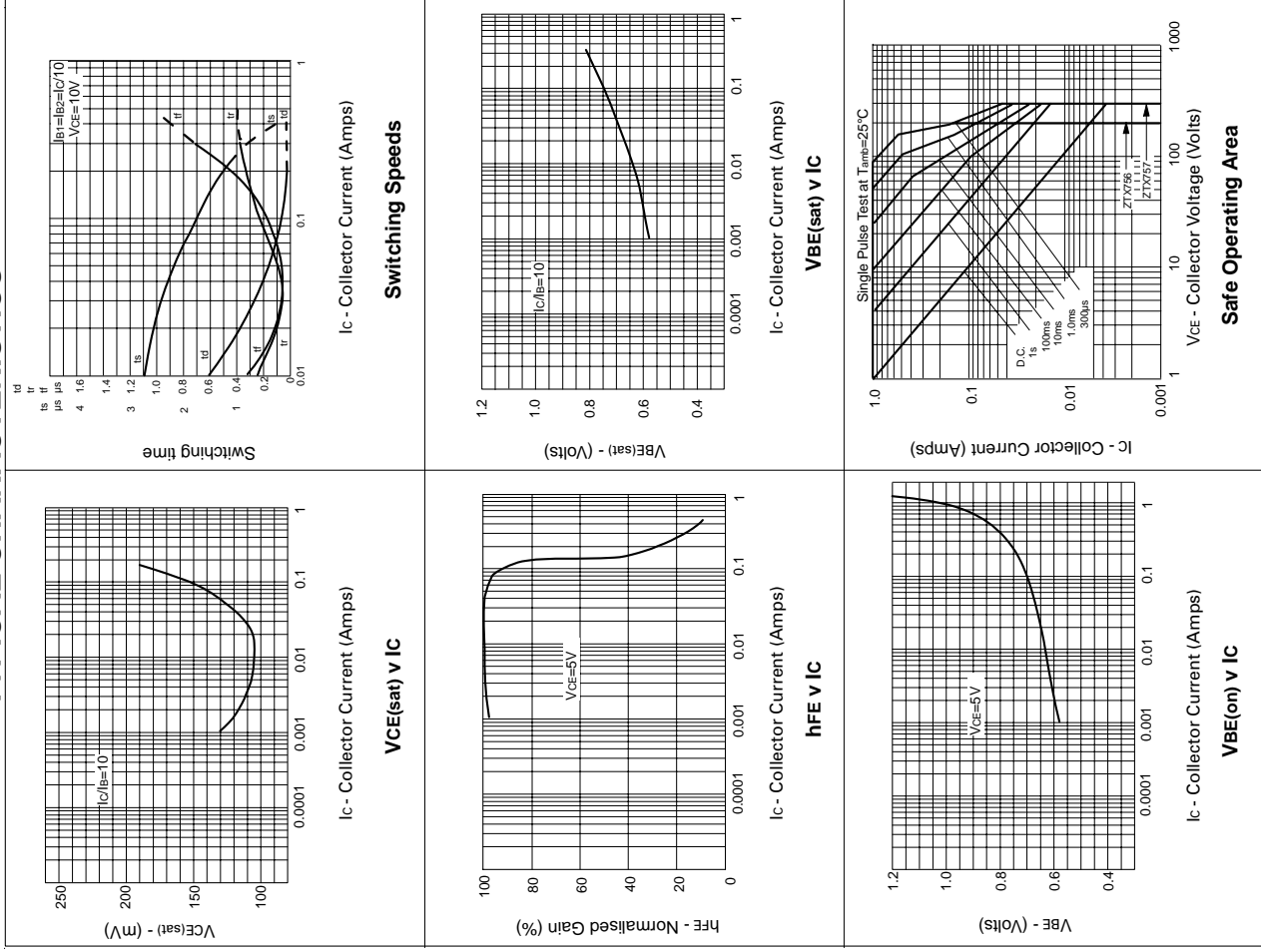
ZTX756 ZTX757

PNP SILICON PLANAR ME HIGH VOLTAGE TRANSIS ISSUE 2 – JULY 94

FEATURES

- * 300 Volt V_{CEO}
- * 0.5 Amp continuous current
- * $P_{tot} = 1$ Watt

TYPICAL CHARACTERISTICS



ABSOLUTE MAXIMUM RATINGS

PARAMETER	MIN
Collector-Base Voltage	-200
Collector-Emitter Voltage	-200
Emitter-Base Voltage	-5
Peak Pulse Current	
Continuous Collector Current	
Power Dissipation at $T_{amb} = 25^\circ C$	
Operating and Storage Temperature Range	

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	-200
Collector-Emitter Breakdown Voltage	$V_{(BR)CEO}$	-200
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$	-5
Collector Cut-Off Current	I_{CBO}	
Emitter Cut-Off Current	I_{EBO}	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	
Base-Emitter Saturation Voltage	$V_{BE(sat)}$	
Base-Emitter Turn-On Voltage	$V_{BE(on)}$	
Static Forward Current Transfer Ratio	h_{FE}	50 40
Transition Frequency	f_T	30
Output Capacitance	C_{obo}	

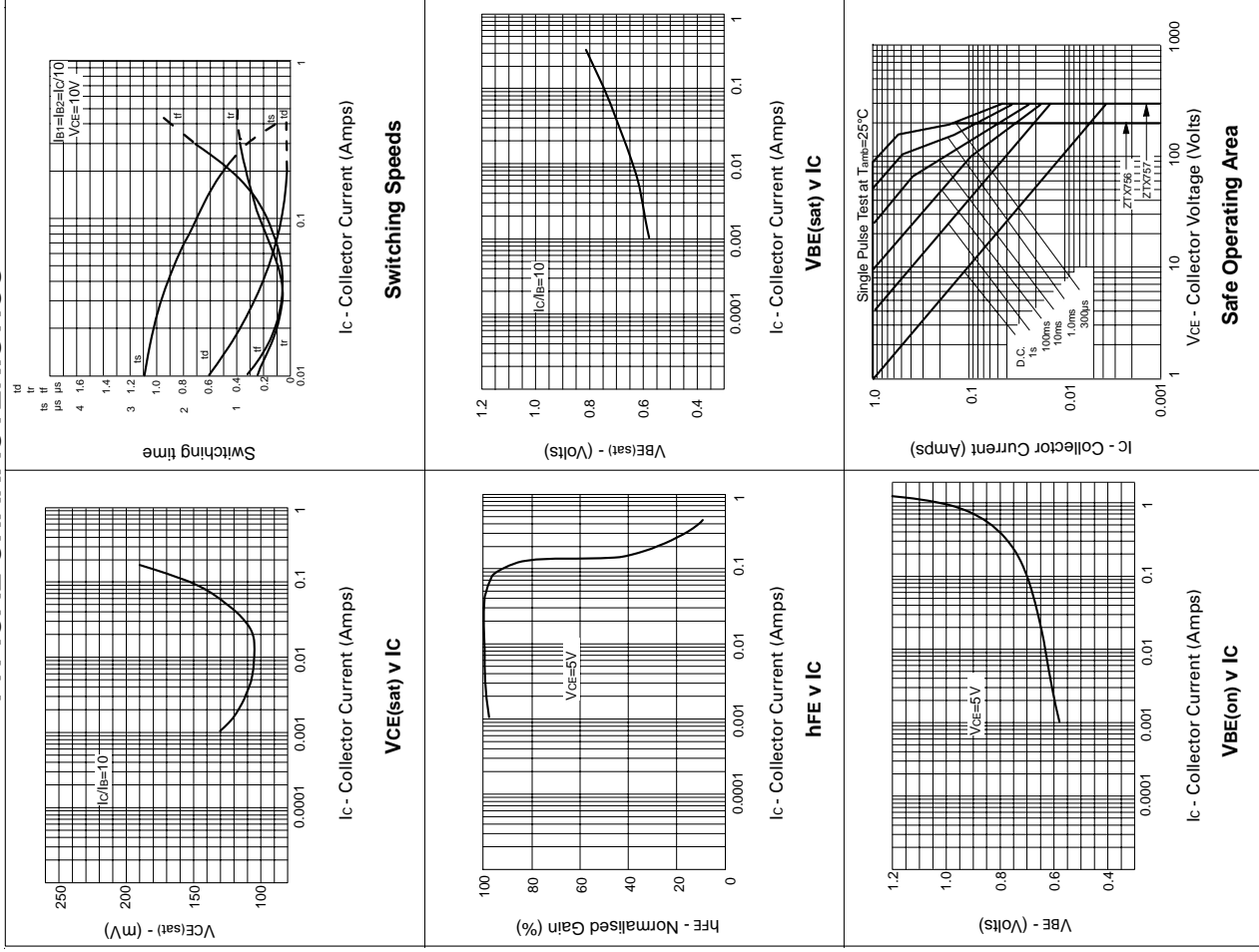
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